

Annual Report of
The Town Council
of the Town of Bloomfield
=====1916=====

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THE INDEPENDENT PRESS
BLOOMFIELD, NEW JERSEY

Annual Report of the Town
Council of the Town
of Bloomfield

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TOWN COUNCIL.

FREDERICK SADLER, Mayor

First Ward

EDWARD J. HUGHES

HERBERT C. FARRAND

Second Ward

FRED STORM

FREDERICK W. TOMPSON

Third Ward

CHARLES A. HARRINGTON

HENRY ALBINSON

REPORT OF THE MAYOR

The Town Council presents the following report covering the year 1916:

The town's finances are in such excellent shape that little need be said on the subject. However, I want to call your attention to the fact that during the past two years \$19,000 has been raised for the redemption of old obligations and \$10,000 for a reserve to take care of remissions, deductions, and non-payment of taxes.

The sinking fund requirements for the general town and water bonds have been scientifically figured out, showing the necessary amount to be raised each year to meet the bonds at maturity and are now on file for use when necessary. During the past two years, the Council has kept well within its appropriations in every instance, and I trust that the same attention will be given this matter during this year.

Our roads continue to be one of the most important problems which we have to consider. We have constructed and under construction during the past year, a good many permanent pavements. Broad Street, which is the most important, is being paved with bitulithic by the county, from the Center to Bay Avenue, and the balance of this street to the Passaic County line is to be surfaced with Warrenite. This will make a smooth pavement the entire distance from the Center to the county line.

The drainage of Broad Street has been amply provided for. The town has completed the curbing of the entire street, and the finished portion presents a very handsome appearance.

There has also been completed this year the paving of streets in the Silver Lake section. This has made a marked improvement and is very favorably commented upon. The only thing necessary to complete this improvement is the installing of sidewalks in this section.

Our water system has been added to and improved considerably. Due to the extensive use of water by manufacturers, our pressure at times has not been as satisfactory as in previous years. To overcome this difficulty, two additional extensions and connections were made to the East Jersey Water Company's pipe line, one at Broad Street and one at West Passaic Avenue and Day Street. They have materially increased our pressure and the service at present is quite satisfactory. The necessity of providing for additional mains, so as to increase the pressure in the Watsessing section of our town is a matter that should be considered by the water committee.

Our scavenger service in the past year has been very unsatisfactory. We received numerous complaints, some of which were remedied, but our problem has been similar to the one which has confronted some of our neighboring municipalities, and the necessity of making some radical departure from the present system is self-evident. As our contract with the present contractor will expire the latter part of 1917, the whole subject should be thoroughly investigated and considered, previous to that time, so that we may be prepared to solve this problem. There is no doubt that the time has come when we should have the garbage collection done by town employees, under the supervision of some town official, holding him responsible for the proper collection of same.

Never in the history of the town has the Fire Department been in such excellent shape as to-day. The citizens of Bloomfield should, and I believe do feel proud of our firemen. Our fire losses are as low as any town in New Jersey. With the new combination pump that has lately been installed in Central Firehouse, and the new combination chemical and hose which was put in service in the Watsessing section a very few days ago, the Fire Department is placed in good shape to take care of most any fire in the lower section of the town.

STANDING COMMITTEES

Building—Farrand, Harrington, Tompson

Finance—Hughes, Albinson, Farrand

Fire—Albinson, Storm, Harrington

Lighting—Harrington, Storm, Hughes

Law—Albinson, Hughes, Storm

Ordinance—Storm, Harrington

Police—Storm, Albinson, Tompson

Poor—Hughes, Storm

Public Grounds—Tompson, Farrand, Hughes

Roads—Albinson, Farrand, Tompson

Railroads and Transportation—Tompson, Harrington,
Hughes

Taxes and Assessment—Harrington, Storm, Albinson

Scavenger—Harrington, Tompson

Sewer—Farrand, Albinson, Harrington

Sidewalks—Storm, Farrand, Hughes

Water—Tompson, Hughes, Farrand

Supplies and Stationery—Farrand, Albinson, Hughes

REPORT ON AUDIT OF ACCOUNTS

FOR THE YEAR ENDED

DECEMBER 31, 1916.

THE AUDITORS' LETTER

To the Honorable Mayor and Council of the Town of Bloomfield, New Jersey:

GENTLEMEN: As the result of our annual audit of the accounts of the Collector and the Treasurer, also the Town Clerk, Sinking Fund Commission, Shade Tree Commission and Board of Health of the Town of Bloomfield to December 31, 1916, we have prepared and submit herewith the statements shown on the Index immediately following, together with our Comments thereon.

Respectfully yours,

LOOMIS, SUFFERN & FERNALD,

Certified Public Accountants.

GENERAL TOWN—COMPARATIVE BALANCE SHEET

CURRENT RESOURCES AND LIABILITIES.

	December 31, 1916.	December 31, 1915.	Increase.
RESOURCES.			
Cash—Exhibit "D"	\$ 34,674 69	\$ 39,994 41	*\$ 5,319 72
Unpaid Taxes—Schedule No. 1	145,318 10	149,806 58	* 4,488 48
Bank Stock Tax Receivable	1,770 39	1,578 41	191 98
Due from Borough of Glen Ridge	28 20	48 37	* 20 17
	<u>\$ 181,791 38</u>	<u>\$ 191,427 77</u>	* 9,636 39
General Sewer Assessments			
Improvement Assessments:	543 59	584 29	* 40 70
10 Total Uncollected Balances—Schedule No. 2	\$135,679 73		
Less—Pledged	71,345 30	\$149,217 18	
		<u>90,238 78</u>	
Unpledged	\$ 64,334 43		
Expenditures for Improvements not yet confirmed	40,598 06	\$ 58,978 40	
		<u>9,376 22</u>	
House Sewer Connections Assessments	104,932 49	68,354 62	36,577 87
House Sewer Connections Assessments, to be assessed	1,780 20	2,032 00	* 251 80
Shade Tree Assessments		441 55	* 441 55
Sinking Fund Commission—Over-payment	340 50	399 50	* 59 00
Shade Tree Commission Loan	\$ 500 00	34 80	34 80
Less—Amount due by Town on Assessments	33 00		
	<u>467 00</u>		<u>467 00</u>
	<u>\$ 289,889 96</u>	<u>\$ 263,239 73</u>	<u>\$26,650 23</u>

LIABILITIES.

Accounts Payable:			
Sundry	\$ 4,672 59	\$ 4,135 90	\$ 536 69
Improvements—Retained percentages and awards	19,901 99	16,678 18	3,223 81
Town's Share of Improvements	623 45	513 29	110 16
Town's Share of Railroad Improvements		494 12	* 494 12
Second Ward Park		41 67	* 41 67
Due Sinking Fund Commissioners		6,125 34	* 6,125 34
Due Shade Tree Commission		627 00	* 627 00
Over-payment of Dog Licenses	31 00		31 00
Due on Property taken at Tax Sale	4,594 87		4,594 87
	<u>\$ 29,823 90</u>	<u>\$ 28,615 50</u>	
Accrued Interest:			
On Bonds	\$ 10,593 55	\$ 6,663 33	3,930 22
On Notes	851 18	2,124 99	* 1,273 81
	<u>11,444 73</u>	<u>8,788 32</u>	<u>100 00</u>
Advance Payments on house connections to be assessed	100 00	200 00	100 00
House Sewer Connections—Paid but not installed....	300 00	5,000 00	6,765 09
Reserve for Remission of Taxes	11,765 09		20 00
Reserve for Power Property Expense	20 00		
Notes Payable—Schedule No. 5	95,495 23	171,452 38	* 75,957 15
	<u>\$ 148,948 95</u>	<u>\$ 214,056 20</u>	<u>*\$65,107 25</u>
Revenue Surplus—Exhibit "C"	140,941 01	49,183 53	91,757 48
	<u>\$ 289,889 96</u>	<u>\$ 263,239 73</u>	<u>\$26,650 23</u>

COMPARATIVE BALANCE SHEET

(Continued)

CAPITAL RESOURCES AND LIABILITIES.

	December 31, 1916.	December 31, 1915.	Increase.
RESOURCES.			
Town Properties—Schedule No. 3.....	\$1,514,949 01	\$1,487,352 49	\$27,596 52
General Improvements	49,597 76	49,113 76	484 00
Railroad Improvements	31,349 07	28,849 07	2,500 00
Automobile Fire Apparatus	12,950 00	5,500 00	7,450 00
Assessments Receivable—Pledged—Schedule No. 2....	71,345 30	90,238 78	* 18,893 48
	<hr/>	<hr/>	
	\$1,680,191 14	\$1,661,054 10	
Sinking Fund Commission—Schedule No. 4:			
Cash	\$ 62,584 08	\$ 36,594 48	
Securities	70,700 00	70,700 00	
Due from Town (see Contra)		6,125 34	
	<hr/>	<hr/>	
Total Sinking Fund Assets	\$133,284 08	\$113,419 82	
Less—Water Department Assets	32,386 21	25,469 21	
	<hr/>	<hr/>	
	\$100,897 87		
Less—Amount over-paid by Town	34 80		
	<hr/>	<hr/>	
	100,863 07	87,950 61	12,912 46
	<hr/>	<hr/>	
	\$1,781,054 21	\$1,749,004 71	\$32,049 50
Board of Health—Exhibit "E":		\$ 111 63	
Cash on Hand	\$ 21 96		
Deficit	359 54		
	<hr/>		
	\$ 381 50		
Shade Tree Commission Cash Account—Exhibit "F"	928 64	153 06	
Police Pension Fund Cash Account	5,290 22	3,983 34	
	<hr/>	<hr/>	
LIABILITIES.			
Bonded Indebtedness—Schedule No. 6	\$1,072,500 00	\$ 977,500 00	\$95,000 00
Capital Surplus—Exhibit "C"	708,554 21	771,504 71	* 62,950 50
	<hr/>	<hr/>	
	\$1,781,054 21	\$1,749,004 71	\$32,049 50
Board of Health Account:		\$ 111 63	
Total Sundry Liabilities	\$ 381 50	153 06	
Shade Tree Commission Account	928 64		
Police Pension Fund Account	5,290 22	3,983 34	
	<hr/>	<hr/>	
*Decrease. Exhibit "A"			

COMPARATIVE STATEMENT OF REVENUE AND EXPENDITURES

REVENUE—	Year 1916.	Year 1915.
Taxes Levied (after Additions and Deductions).....	\$377,422 33	\$343,654 89
Less—County Assessment	123,779 16	106,430 60
	<u>\$253,643 17</u>	<u>\$237,224 29</u>
Bank Stock Tax	1,770 39	1,578 41
Net Taxes for Municipal Purposes	<u>\$255,413 56</u>	<u>\$238,802 70</u>

Incidental:

Franchise Tax	\$ 14,297 69	\$ 13,128 03
Track and Car Licenses	1,734 20	1,734 20
Excise Licenses	10,276 00	10,276 00
Moving Picture Licenses	900 00	900 00
Junkmen's and Peddlers' Licenses	446 00	313 00
Other Licenses	597 25	623 00
Searches	867 00	837 00
Builders' Permits	1,697 00	1,632 00
Costs on Delinquent Taxes	952 41	972 83
Miscellaneous	919 27	292 25
Engineering on Improvement Work confirmed in 1916	445 33	-----
Advertising on Improvement Work confirmed in 1916	15 05	-----
House Sewer Connections	1,760 00	2,220 00
House Sewer Connections Assessments	760 00	380 00
Sewer Pay Roll Refund	-----	43 75
Glen Ridge Sewer Maintenance	-----	112 94

Interest:

On Delinquent Taxes	3,175 99	3,232 53
On Bank Deposits	1,094 11	793 07

On Improvements confirmed in 1916	464 24	-----
On House Sewer Connections Assessments	29 48	37 81
On Shade Tree Assessments	-----	07
Police Court Fines	759 40	510 20
Total Miscellaneous Revenue	<u>\$ 41,190 42</u>	<u>\$ 38,038 68</u>
Total for General Town Purposes available for Expenditures	\$296,603 98	\$276,841 38

Exhibit "B"

COMPARATIVE STATEMENT OF REVENUE AND EXPENDITURES

(Continued)

	Year 1916.		Year 1915.	
	Original	Total	Unexpended	
EXPENDITURES.	Appropriations.	Expenditures.	Balance of	Appropriations. Expenditures.
Police Department	\$ 25,300 00	\$ 25,300 00	\$ 804 19	\$ 21,938 43
Fire Department	13,750 00	13,800 00	8 07	12,958 32
Street Lighting	21,000 00	21,000 00	42 66	20,049 77
Care of Poor	5,750 00	5,750 00	614 75	4,718 18
Streets and Highways	22,000 00	21,950 00	226 62	20,395 32
Incidental	22,300 00			
Miscellaneous Revenue		41,190 42		
General Expenditures		63,490 42	3,583 37	48,913 27
Sewers		3,871 41		6,130 42
Interest on Town Notes		3,409 77		11,960 96
Board of Health		3,365 26		
Shade Tree Commission		2,800 00		
Reserve for Remission of Taxes		5,000 00		
Interest on Bonds	38,700 00	38,700 00	129 91	22,508 34
Police Pension Fund	883 00	883 00		780 00
Sinking Fund	11,950 00	11,950 00		11,950 00
Board of Education	90,546 67	90,546 67		83,138 25

CAPITAL SURPLUS.

January 1, 1916—Balance of Capital Surplus	\$771,504 71
Increase in 1916—Additions to Capital Resources from	
Current Revenue:	
Sinking Fund Appropriation—General	\$ 11,950 00
Sinking Fund Appropriation—Funding Bonds 1915	9,500 00
Collection of Interest on Pledged Assessments	4,067 95
Interest on Sinking Fund Investments and Bank	
Balance	3,000 03
Town's share of Assessments confirmed in 1916	623 45
Settlement of Claim in re. Mechanic St. Vacation	2,500 00
Construction of Park Grammar School Addition	23,000 00
Additional payment on Second Ward Park	1 65
Automobile Fire Truck Purchased	8,000 00
Purchase of Property at Tax Sale	4,594 87
To Sinking Fund for retirement of 1915 Funding	
Bonds	22,000 00
	<u>89,237 95</u>
	\$860,742 66

Decrease in 1916:

Proceeds of School Bond Issue used to retire Cur-	
rent Liabilities	\$144,000 00
Interest on Improvement Bonds paid out of Sink-	
ing Fund	7,500 00
Depreciation 10% on Fire Truck purchased in 1915	550 00
General Town Improvement account reduced by	
charge to Current Revenue	138 45
	<u>152,188 45</u>
Balance of Capital Surplus—Dec. 31, 1916—Exhibit "A"	\$708,554 21

STATEMENT OF RECEIPTS AND DISBURSEMENTS

For the Year ended December 31, 1916.

RECEIPTS.

Taxes Collected—1902-1916	\$377,947 47	
Less—Paid to County Collector	123,779 16	
Net Taxes to Town Treasurer	\$254,168 31	
Bank Stock Tax—1915	1,578 41	
Interest on Delinquent Taxes	3,175 99	
Costs on Delinquent Taxes	952 41	
Franchise Taxes, including Track and Car Licenses	16,031 89	
Licenses—all kinds	12,250 25	
Searches	867 00	
Police Court Fines	759 40	
Builders' Permits	1,697 00	
Miscellaneous Receipts	57 60	
Interest on Unpledged Assessments	\$ 3,867 40	
Interest on General Sewer Assessments	33 34	
Interest on House Sewer Connection Assessments	29 48	
Interest on Bank Deposits	1,094 11	
		5,024 33
Collections of Unpledged Assessments	\$ 14,003 93	
Collections of House Sewer Connection Assessments	1,111 80	
Collections of Shade Tree Assessments—1914 and prior	59 00	
Collections of Shade Tree Assessments—1915-1916	1,260 25	
Collections of General Sewer Assessments	40 70	
Collections of Special House Sewer Connections	1,860 00	
		18,335 68
Rent of Fire Houses for Polling Places	200 00	
Glen Ridge Share of Sewer Maintenance	131 77	
Sale of Sewer Pipe	49 28	
Sale of Fire Horses	460 00	
Sale of Gear and Harness	75 00	
Commissioners' Searches	73 67	
Damage to Flag Pole	53 00	
Warrants Cancelled	181 69	
Rent of Power Property	20 00	
From Junior Order, United American Mechanics for Police Pension Fund	20 00	
School Loans returned	5,000 00	
Collected from Assessments Pledged	18,894 48	
Interest from Assessments Pledged	4,067 95	
Proceeds of Sale of School Bonds:		
Face of Bonds	\$144,000 00	
Premium	2,140 00	
Accrued Interest	544 50	
		146,684 50
Borrowed on Notes	162,497 61	
Total Receipts	\$653,307 22	
Cash on hand—January 1, 1916	39,994 41	
		\$693,301 63

Exhibit "D"

DISBURSEMENTS.

General Appropriations	\$266,972 28
Improvements	\$ 46,017 92
Improvement Accounts Payable	457 23
	46,475 15
Park Grammar School Construction	23,000 00
General Town Improvements	513 29
Railroad Improvement	2,994 12
Second Ward Park	43 32
New Fire Apparatus	8,000 00
Sinking Fund Improvement Bonds	29,122 57
Sinking Fund Funding Bonds—1915	22,000 00
Notes Payable	238,004 76
Accounts Payable	3,809 85
Accrued Interest Payable	2,124 99
Accrued Bond Interest Payable	8,108 96
Police Pension Fund from Jr. O. U. A. M.	20 00
School Loans	5,000 00
Shade Tree Commission	2,354 25
Sewer Maintenance for Glen Ridge	83 40
Total Disbursements	\$658,626 94
Cash on hand—December 31, 1916—Exhibit "A"	34,674 69
	\$693,301 63

STATEMENT OF UNPAID TAXES

December 31, 1916.

Levy of 1900	\$ 2,350 92
" " 1901	1,389 68
" " 1902	1,362 99
" " 1903	1,351 39
" " 1904	2,678 12
" " 1904	2,771 76
" " 1904	3,390 45
" " 1906	2,943 24
" " 1907	3,145 89
" " 1908	3,097 95
" " 1909	2,553 40
" " 1910	2,810 20
" " 1911	2,104 76
" " 1912	2,250 66
" " 1913	2,644 67
" " 1914	3,219 80
" " 1915	105,252 22
" " 1916	

Total Unpaid Taxes—Exhibit "A" \$145,318 10
Exhibit "A"—Schedule No. 1.

SUMMARY OF IMPROVEMENT ASSESSMENTS

FOR THE YEAR ENDED DECEMBER 31, 1916.

	Total.	Pledged.	Unpledged.
Balance of Improvement Assessments—January 1, 1916	\$149,217 18	\$90,238 78	\$58,978 40
Improvements confirmed and assessed in 1916:			

No.	Name.	Confirm- ation Date.	1916.		19,359 96	1 00		19,359 96	1 00		\$78,338 36	14,003 93	\$64,334 43
244	Newark Avenue Sanitary Sewer	Apr. 17	\$ 406 04										
245	James Street Sanitary Sewer	" 17	750 81										
247	Harrison Street Bluestone Walk and Curb	" 17	1,528 16										
250	Belleville Avenue Sewer	" 17	771 49										
246	Berkeley Avenue Concrete Curb and Gutter	Dec. 18	2,664 93										
251	Grove Street Pavement and Curb	" 18	11,924 95										
252	Belmont Avenue Pavement and Curb	" 18	1,209 39										
256	Davey Street Concrete Sidewalk	" 18	104 19										
	Adjustment of Roosevelt Avenue Opening Assessment												
	Cash received on account of Assessments												
	Balances unpaid at December 31, 1916—Exhibit "A"												

STATEMENT OF TOWN PROPERTIES

December 31, 1916.

Schools:	
High School No. 1 (Park Grammar)	\$ 70,000 00
Berkeley School	96,646 06
Brookside School	62,000 00
Brookdale School	53,839 87
Carteret School (Silver Lake)	45,000 00
Center School	55,500 00
Fairview School	62,700 00
Watessing School	65,250 00
High School No. 2	236,458 74
	<u>\$ 747,394 67</u>

Fire Houses:	
Orange Street Hose House	\$ 2,725 00
Active Hose Lot	450 00
Brookdale Hose House	4,425 06
Central Fire House	24,692 21
Excelsior Fire House (Broad Street)	2,500 00
Montgomery Hose House	5,378 35
	<u>40,170 62</u>

Public Parks:	
Broad, Beach, Liberty and Park Places	\$ 52,000 00
Broad and Beach Streets	7,900 00
Broad Street—No. 1	3,000 00
Broad Street—No. 2	1,800 00
New Park	59,849 29
Second Ward Park	6,756 30
	<u>131,305 59</u>

Roads and Sewers:	
Roads	\$282,169 28
Sewers	235,972 32
Bloomfield Avenue Sewer	8,000 00
Union Outlet Sewer	51,000 00
	<u>577,141 60</u>

Miscellaneous Properties:	
Bloomfield Avenue Sewer Outlet Lot	\$ 824 15
Newark Avenue Lot	400 00
Poor House	1,100 00
Halcyon Park Lot	517 51
Town Hall Property	11,500 00
Smith Property	595 19
Power Property	2,710 50
Henn Property	1,289 18
	<u>18,936 53</u>

Total—Exhibit "A"

Exhibit "A"—Schedule No. 3.

STATEMENT OF SINKING FUND ACCOUNT

December 31, 1916.

Cash in Banks—Schedule No. 4a:

Bloomfield National Bank	\$25,810 14
Bloomfield Trust Company	36,773 94
	<u>\$ 62,584 08</u>

Securities:

Town of Bloomfield Bonds:	
Park Bonds—15M at cost	\$14,700 00
Water Bonds—56M at cost	56,000 00
	<u>70,700 00</u>

Total Cash and Securities in Sinking Fund.....\$133,284 08

Deduct:

Amount received from Town Collector on pledged assessments in excess of collections	34 80
Total—Exhibit "A"	<u>\$133,249 28</u>

SUMMARY

For Improvement Funding Bonds—1913	\$63,480.33
For General Town Fund	24,884.58
For Water Department Bonds	32,386.21
For Funding Bonds 1915—General Town Proportion	12,498.16
	<u>\$133,249.28</u>
Exhibit A—Schedule No. 4.	

SINKING FUND COMMISSION STATEMENT OF RECEIPTS AND DIS- BURSEMENTS

For the Year ended December 31, 1916

RECEIPTS

Appropriation by Town Council—1916	\$11,950.00
Collections of Pledged Assessments and Interest	22,997.23

From Town Council:

Balance due at December 31, 1915, on Pledged Assessments and Interest	6,125.34
Appropriation for Funding Bonds of 1915	9,500.00
For redemption of Funding Bonds of 1915	22,000.00
For payment of Interest on Funding Bonds of 1915	6,120.00
For Water Department proportion	5,866.66

Interest:

On Bank Balances	\$ 930.37
On Investments	3,120.00
	<u>4,050.37</u>

Total Receipts \$88,609.60

DISBURSEMENTS

Redemption of School Bonds Nos. 95 to 98.....	\$4,000.00
Redemption of School Bonds Nos. 5 and 6	2,000.00
Redemption of School Bonds No. 151	1,000.00
Redemption of Improvement Bonds Nos. 41 to 60	20,000.00
Redemption of Funding Bonds of 1915—Nos. 1 to 22.....	22,000.00
	<u>\$49,000.00</u>

Payment of Interest:

Improvement Bonds	\$7,500.00
Funding Bonds of 1915	6,120.00
	<u>13,620.00</u>

Total Disbursements \$62,620.00

Excess of Receipts over Disbursements	\$25,989.60
Cash on hand—January 1, 1916	36,594.48

Cash on hand—December 31, 1916—Schedule 4:

Bloomfield National Bank	\$25,810.14
Bloomfield Trust Company	36,773.94
Exhibit A—Schedule No. 4a.	<u>\$62,584.08</u>

STATEMENT OF NOTES PAYABLE

DECEMBER 31, 1916.

Date.	Purpose.	Notes Outstanding January 1, 1916.	Borrowed in 1916.	Paid in 1916.	Notes Outstanding December 31, 1916.
Dec. 29, 1915, Improvements			\$ 17,002 38 †	17,002 38	
Oct. 7, 1916, Improvements—Renewal Note		\$ 17,002 38		*\$ 17,002 38	
Dec. 30, 1916, Improvements—Balance of 1915			8,061 86		\$ 8,061 86
Dec. 30, 1916, Improvements—1916			46,433 37		46,433 37
Total Improvement Notes		\$ 17,002 38	\$ 71,497 61	\$ 34,004 76	\$ 54,495 23
June 30, 1913, Schools		\$94,450 00		±\$ 94,450 00	
July 9, 1914, Brookdale School Construction		5,000 00		± 5,000 00	
Aug. 17, 1914, Brookdale School Construction		5,000 00		± 5,000 00	
Feb. 15, 1915, Brookdale School Construction		5,000 00		± 5,000 00	
May 13, 1915, Carteret School Construction		10,000 00		± 10,000 00	
June 7, 1915, Carteret School Construction		10,000 00		± 10,000 00	
Sep. 20, 1915, Carteret School Construction		5,000 00		± 5,000 00	
Nov. 1, 1915, Park School Construction		5,000 00		* 5,000 00	
Nov. 15, 1915, Carteret School Construction		10,000 00		± 10,000 00	
Dec. 21, 1915, Park School Construction		5,000 00		* 5,000 00	
Mar. 20, 1916, Park School Construction			\$ 10,000 00	* 10,000 00	
Apr. 7, 1916, Park School Construction—Renewal..			20,000 00		\$20,000 00
June 26, 1916, Park School Construction—Renewal..			5,000 00		5,000 00
Aug. 26, 1916, Park School Construction—Renewal..			5,000 00		5,000 00
Sep. 9, 1916, Park School Construction—Renewal..			3,000 00		3,000 00
Total School Construction Notes		154,450 00	\$ 43,000 00	\$164,450 00	33,000 00
June 26, 1916, School Loan			\$ 5,000 00 †	5,000 00	
Sep. 9, 1916, Anticipation of Taxes			\$ 10,000 00 †	10,000 00	
Oct. 3, 1916, Anticipation of Taxes			10,000 00 †	10,000 00	
Oct. 30, 1916, Anticipation of Taxes			5,000 00 †	5,000 00	
Oct. 30, 1916, Anticipation of Taxes			5,000 00 †	5,000 00	
Nov. 27, 1916, Anticipation of Taxes			5,000 00 †	5,000 00	
Total Anticipation of Taxes Notes			\$ 35,000 00	\$ 35,000 00	
Dec. 30, 1916, Fire Apparatus			\$ 8,000 00		8,000 00
Total General Town Notes—Exhibit "A"		\$171,452 38	\$162,497 61	\$238,454 76	\$ 95,495 23
May 17, 1915, Water Department		\$ 14,000 00		*\$ 14,000 00	\$ 14,000 00
Apr. 7, 1916, Water Department			\$ 14,000 00		8,500 00
Dec. 30, 1916, Water Department			8,500 00		
Total Water Department Notes—Exhibit "G"		\$ 14,000 00	\$ 22,500 00	\$ 14,000 00	\$ 22,500 00
Total Notes		\$185,452 38	\$184,997 61	\$252,454 76	\$117,995 23

*April 3. †Dec. 27. ‡Mar. 3.
Exhibit "A"—Schedule No. 5.

STATEMENT OF BONDED INDEBTEDNESS

Maturing:	Total.	School.	Street Improve- ments.	General Sewer.	Fire House.	General Improve- ments.	Park.	Water Department.	Funding Bonds 1915.
1917	\$ 50,000	\$ 7,000	\$	\$	\$	\$ 20,000	\$	\$	\$ 23,000
1918	50,000	8,000	.....	.....	.....	20,000	.....	.....	22,000
1919	71,000	9,000	5,000	.....	.....	20,000	.....	15,000	22,000
1920	67,000	9,000	7,000	.....	.....	20,000	.....	8,000	23,000
1921	67,000	9,000	7,000	.....	.....	20,000	.....	8,000	23,000
1922	68,000	9,000	7,000	.....	.....	20,000	.....	8,000	24,000
1923	67,000	9,000	7,000	.....	.....	20,000	.....	8,000	23,000
1924	73,000	9,000	7,000	.....	25,000	.....	.....	8,000	24,000
1925	47,000	9,000	7,000	.....	.....	.....	.....	8,000	23,000
1926	32,000	14,000	7,000	.....	.....	.....	.....	8,000	3,000
1927	34,000	16,000	7,000	.....	.....	.....	.....	8,000	3,000
1928	34,000	16,000	7,000	.....	.....	.....	.....	8,000	3,000
1929	34,000	16,000	7,000	.....	.....	.....	.....	8,000	3,000
1930	82,000	16,000	.....	50,000	.....	.....	5,000	8,000	3,000
1931	29,000	13,000	.....	.....	.....	.....	5,000	8,000	3,000
1932	29,000	13,000	.....	.....	.....	.....	5,000	8,000	3,000
1933	29,000	13,000	.....	.....	.....	.....	5,000	8,000	3,000
1934	28,000	12,000	.....	.....	.....	.....	5,000	8,000	3,000
1935	28,000	12,000	.....	.....	.....	.....	5,000	8,000	3,000
1936	23,000	13,000	.....	.....	.....	.....	.....	8,000	2,000
1937	22,000	13,000	.....	.....	.....	.....	.....	8,000	1,000
1938	16,000	13,000	.....	.....	.....	.....	.....	2,000	1,000
1939	14,000	13,000	.....	.....	.....	.....	.....	.....	1,000
1940	15,000	13,000	.....	.....	.....	.....	30,000	.....	2,000
1941	45,000	14,000	.....	.....	.....	.....	.....	.....	1,000
1942	15,000	14,000	.....	.....	.....	.....	.....	.....	1,000
1943	15,000	14,000	.....	.....	.....	.....	.....	.....	2,000
1944	16,000	14,000	.....	.....	.....	.....	.....	.....	1,000
1945	15,000	14,000	.....	.....	.....	.....	.....	.....	.....
1946	13,000	13,000	.....	.....	.....	.....	.....	.....	.....
1947	12,000	12,000	.....	.....	.....	.....	.....	.....	.....
1948	12,000	12,000	.....	.....	.....	.....	.....	.....	.....
1949	11,000	11,000	.....	.....	.....	.....	.....	.....	.....
1950	11,000	11,000	.....	.....	.....	.....	.....	.....	.....
1951	13,000	13,000	.....	.....	.....	.....	.....	.....	.....
1952	13,000	13,000	.....	.....	.....	.....	.....	.....	.....
1953	8,500	8,500	.....	.....	.....	.....	.....	.....	.....
1954	8,000	8,000	.....	.....	.....	.....	.....	.....	.....
1955	8,000	8,000	.....	.....	.....	.....	.....	.....	.....
1956	8,000	8,000	.....	.....	.....	.....	.....	.....	.....
1957	8,000	8,000	.....	.....	.....	.....	.....	.....	.....
1958	8,000	8,000	.....	.....	.....	.....	.....	.....	.....
	\$1,248,500	\$487,500	\$75,000	\$50,000	\$25,000	\$140,000	\$60,000	\$161,000	\$250,000

STATEMENT OF EXPENDITURES UNDER APPROPRIATIONS

For the Year ended December 31, 1916

SUMMARY.

Schools Bonds	\$ 487,500
Street Improvement Bonds	75,000
General Sewer Bonds	50,000
Fire House Bonds	25,000
General Improvement Bonds	140,000
Park Bonds	60,000
Funding Bonds, 1915:	
General Town	\$ 235,000
Water Department	15,000
Water Department Bonds	250,000
	161,000
Total Bonded Indebtedness:	
General Town—Exhibit "A"	\$1,072,500
Water Department—Exhibit "G"	176,000
Exhibit "A"—Schedule No. 6.	\$1,248,500

Police Department:

Salaries	\$23,211.95
Rent	75.00
Light	170.10
Fuel	95.50
Traffic Lights	42.11
Supplies	106.35
Furniture and Equipment	35.00
Miscellaneous	379.80
Widows' Pensions	380.00
	<u>\$24,495.81</u>

Fire Department:

Salaries	\$6,503.98
Equipment and Supplies	1,903.33
Gasolene and Oils	57.85
Light	408.88
Fuel	531.75
Stable Expenses	1,066.44
Repairs	618.70
Miscellaneous	568.68
Fire Alarm System	2,132.32
	<u>13,791.93</u>

Street Lighting:

Arc	\$8,559.54
Incandescent	12,112.06
Bridges	285.74
	<u>20,957.34</u>

Care of the Poor:

Overseer	\$600.00
Poor House	1,811.39
Outside Relief	2,212.58
Sundries	363.29
N. J. Board Children's Guardians	147.99
	<u>5,135.25</u>

Streets and Highways:

Superintendent	\$1,200.00
Labor	5,828.74
Teaming	4,612.75
Crushed Stone	5,367.70

Oil	4,216.61
Road Materials	33.75
Tools and Machinery	199.72
Repairs to Tools and Machinery	81.81
Miscellaneous	76.05
Supplies	6.00
Fuel	100.25
	<u>21,723.38</u>

Exhibit B—Schedule No. 7.

General Expenditures:

Services of Town Clerk, Collector, Bookkeeper, Treasurer, Councilmen, Assessors, etc.	\$11,009.00
Stamped Envelopes and Postage	417.42
Telephone	292.66
Advertising	648.88
Blank Books and Stationery	336.47
Light	86.70
Office Supplies	60.78
Election Expenses	336.95
Legal Expenses—including Attorney's salary	2,761.32
Furniture	20.50
Miscellaneous	16,396.13
Engineering Department	3,547.95
Scavenger	3,198.96
Street Cleaning	1,248.39
Dogs	1,098.50
	<u>\$41,460.61</u>
Sewer	3,871.41
Interest on Notes	3,409.77
Board of Health	3,365.26
Shade Tree Commission	2,800.00
Reserve for Remission of Taxes	5,000.00
Interest on Bonds:	
General Sewer	\$2,000.00
Street Improvement	3,000.00
Fire Houses	1,000.00
Parks	2,400.00
Schools	19,223.84
Funding Bonds	10,946.25
	<u>38,570.09</u>
Police Pension Fund	883.00
Sinking Fund	11,950.00
Board of Education	90,546.67
	<u>\$287,960.52</u>

Total Expenditures—Exhibit "B"
Exhibit "B"—Schedule No. 7.

BOARD OF HEALTH STATEMENT OF RECEIPTS AND DISBURSEMENTS

For the Year ended December 31, 1916.

Receipts:

From Town—Appropriation\$3,365 26

From Other Sources:

Plumbers' Plans	256 00
Milkmen's Licenses	79 00
Scavenger License	5 00
Interest on Bank Balance	2 88

Total Receipts of Board of Health\$3,708 14

Deduct:

Amount withheld from Treasurer on account of
overpayment in 1915 22 00

Total Receipts by Treasurer \$ 3,686 14

Disbursements:

Dr. J. C. Saile:

Salary	\$1,080 00
Recording and Reporting Vital Statistics and Diseases	249 26
Expenses	150 61

\$1,479 87

Clerical Assistance	364 00
Rent	240 09
Legal Services and Expenses	127 58
Commissioners' Services	290 00
Telephone	53 88
Typewriting and Stationery	46 29
Typewriter	81 00
Livery and Carfare	150 05
Advertising Ordinances	18 18
Surety Bond	5 00
Iron Cage	15 25
Special Officers	456 50
Stock destroyed account of quarantine	62 80
Supplies for quarantined families	81 54

Signs and Badges	16 25
Consultation and Services	70 00
Milk License Tags	30 00
Coal	7 20
Antitoxin and Disinfectants	117 72
Examination of Cultures	62 70

Total Disbursements 3,775 81

Excess of Disbursements over Receipts \$ 89 67

Cash Balance—January 1, 1916 111 63

Cash Balance—December 31, 1916:

In Bloomfield National Bank \$ 14 96

On hand (deposited in January, 1917) 7 00

..... \$ 21 96

Additional Liabilities:

Checks drawn but not finally signed 381 50

Deficit \$ 359 54

Exhibit "E"

SHADE TREE COMMISSION STATEMENT OF RECEIPTS AND DISBURSEMENTS

For the Year ended December 31, 1916.

Receipts:

Appropriation from Town Council—1916 \$2,800 00

Assessments Collected 1,851 25

Miscellaneous 151 75

Interest on Bank Balances 6 19

Total Revenue \$4,809 19

Borrowed from Town Council 500 00

Total Receipts \$ 5,309 19

Disbursements:

Account No. 1—New Trees, transplanting, guards, etc. \$1,648 26

Account No. 2—Maintenance of New Trees planted
by the Commission 2,885 35

Total Disbursements 4,533 61

Excess of Receipts over Disbursements \$ 775 58

Balance of Cash—January 1, 1916 153 06

Balance of Cash—December 31, 1916 \$ 928 64

Exhibit "F"

WATER DEPARTMENT—STATEMENT OF ASSETS AND LIABILITIES

ASSETS.		Dec. 31, 1916.	Dec. 31, 1915.	Increase.
Current Assets:				
Cash		\$ 19,441 06	\$ 13,052 15	\$ 6,388 91
Accounts Receivable:				
Water	\$12,272 43		7,264 70	5,007 73
Miscellaneous	355 06		169 71	185 35
House Connection Assessments	2,716 00			2,716 00
Expenditures on House Connections not yet assessed		15,343 49		
Inventories		1,826 44	1,006 84	819 60
Deposit with Essex County Board of Freeholders		4,120 84	3,616 91	503 93
		315 00		315 00
Total Current Assets		\$ 41,046 83	\$ 25,110 31	\$ 15,936 52
Capital Assets:				
Water Plant		\$226,051 18	\$220,408 65	\$ 5,642 53
Sinking Fund:				
In hands of Commissioners	\$32,386 21			
Due from Town	5,866 66			
		38,252 87	31,335 87	6,917 00
Total Capital Assets		\$264,304 05	\$251,744 52	\$12,559 53
		\$305,350 88	\$276,854 83	\$28,496 05
LIABILITIES.				
Current Liabilities:				
Accounts Payable		\$ 13,695 23	\$ 9,510 06	\$ 4,185 17
Accrued Interest on Bonds		1,554 38	1,554 38	
Accrued Interest on Notes		143 11		143 11
Notes Payable—Schedule No. 5		22,500 00	14,000 00	8,500 00
Amount due Sinking Fund		5,866 66	5,866 66	
House Connections paid in advance		87 70		87 70
Total Current Liabilities		\$ 43,847 08	\$ 30,931 10	\$ 12,915 98
Capital Liabilities:				
Bonded Indebtedness—Schedule No. 6		176,000 00	176,000 00	
Reserve for Depreciation		32,520 87	27,010 65	5,510 22
Total Liabilities and Reserves		\$252,367 95	\$233,941 75	\$18,426 20
Surplus—Exhibit "J"		52,982 93	42,913 08	10,069 85
		\$305,350 88	\$276,854 83	\$28,496 05
Exhibit "G"				

WATER DEPARTMENT STATEMENT OF REVENUE AND EXPENDITURES

For the Year ended December 31, 1916.

Revenue:

Water Rates:

Metered Service	\$ 34,207 84
Unmetered Service	37,593 81

Special Service—Permits	\$71,801 65
	494 71

	\$ 72,296 36
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Fines	\$ 22 00
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Special Test	2 00
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Excess of House Service Connection Assessments over cost	103 90
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Profit on Special House Service Connections	812 98
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Profit on Repairs to House Service Connections	3 84
--	------

Special Main Extensions	70 00
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Profit on Meter Pits	29 12
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Profit on Meter Sales	195 60
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1,239 44

Total Revenue	\$ 73,535 80
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Expenses of Operations and Administration:

Water	\$47,093 05
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Distribution System Expenses	953 95
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Repairs to Distribution System	1,269 54
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General Repairs	3 00
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Storehouse and Stable Expense	333 06
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Salaries:

Superintendent	\$1,500 00
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Collector's Office	850 00
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2,350 00

Miscellaneous Administration Expenses	359 96
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Adjustment of Inventories	370 92
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Water Tax Cancelled	48
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Total Expenses	52,733 96
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Profit on Operation	\$ 20,801 84
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Other Expenses:

Interest on Bonds	\$ 7,395 00
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Interest on Notes	609 39
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8,004 39

Profit for year exclusive of Depreciation	\$ 12,797 45
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Depreciation of Plant—2½% on \$220,408.65	5,510 22
Net Profit for 1916	\$ 7,287 23
Income from Interest on Sinking Fund	1,050 34
Net Revenue to Surplus—Exhibit "J"	\$ 8,337 57
Exhibit "H"	

WATER DEPARTMENT STATEMENT OF SURPLUS

January 1 to December 31, 1916.

Surplus—January 1, 1916	\$42,913 08
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Increase in 1916:

Net Revenue for year—Exhibit "H"	\$ 8,337 57
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Profit on House Service Connections installed prior to 1916	1,750 64
--	----------

\$10,088 21

Decrease in 1916:

Bill of 1915 rendered in December, 1916	18 36
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Net Increase for Year	10,069 85
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Surplus—December 31, 1916—Exhibit "G"	\$52,982 93
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Exhibit "J"

COMMENTS

WATER DEPARTMENT

STATEMENT OF RECEIPTS AND DISBURSEMENTS

January 1 to December 31, 1916.

Receipts:

Water Service	\$66,793 44
Miscellaneous Repairs and Meter Pits	298 80
Miscellaneous Permits	494 71
Fines	24 00
Meter Sales	765 50
Special Main Extensions	70 00
House Connection Assessments	3,051 25
House Connections—Special	3,316 90
Borrowed on Notes	22,500 00
Total Receipts	\$ 97,314 60

Disbursements:

Water	\$34,481 10
Labor	8,084 68
Material and Supplies	6,218 05

Salaries:

Superintendent	\$1,500 00
Collector's Office	850 00
Office Expenses and Postage	2,350 00
Meters	359 96
General Equipment	738 01
Store and Stable Equipment	794 95
Distribution Mains	278 57
Distribution Expense	30 73
Repairs to Distribution System	19 05
General Repairs	84
Special House Service Connections	3 00
House Service Connections	10 50
House Service Connections to be Assessed	3 25

Interest on Bonds:

Accrued December 31, 1915	\$1,554 38
1916 Interest	5,840 62
Interest on Notes for 1916	7,395 00
Deposit with Essex County Board of Freeholders....	466 28
Notes Paid	315 00
Sinking Fund—1915 Contribution	14,000 00
Accounts Payable—1915	5,866 66
Total Disbursements	90,925 69
Excess of Receipts over Disbursements	\$ 6,388 91
Cash in Bank—January 1, 1916	13,052 15
Cash in Bank—December 31, 1916	\$ 19,441 06
Exhibit "K"	

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AUDITORS' COMMENTS.

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GENERAL TOWN

Cash:

The cash on hand at December 31, 1916, was as follows:

In Treasurer's Bank Accounts:

Bloomfield National Bank	\$ 476 80
Watsessing Bank	12,104 83
Bloomfield Trust Company (overdraft)	660 06
	<hr/> \$ 11,921 57

In Collector's Hands:

Bloomfield National Bank	\$42,276 47
Bloomfield Trust Company	288 99
Cash and Checks deposited January 2, 1917	8,207 08
Cash and Checks on hand January 2, 1917	167 91
	<hr/> \$50,940 45

Less:

Sinking Fund Cash	\$8,015 52
Shade Tree Cash	840 75
	<hr/> 8,856 27

General Town and Water Department Cash 42,084 18

In Recorder's Hands 110 00

Total-Cash—December 31, 1916 \$ 54,115 75

Representing:

Water Department Cash—Exhibit "G"	\$19,441 06
General Town Cash—Exhibit "A"	34,674 69
	<hr/> \$54,115 75

The cash received by the various departments has been checked with their records, and the receipt of these funds by the Treasurer and deposit thereof by him has been verified. The disbursements by the Treasurer have been proved by inspection of the paid warrants. These disbursements were further verified with the approved vouchers, pay rolls and other instruments evidencing the indebtedness. The balances of cash on deposit and on hand at the end of the year have been proved with the pass books and statements of the depositories and by actual count. The cash balance of the Water Department is included in the Balance Sheet of that Department, Exhibit "G."

The count of cash on hand in the Collector's office on January 2, 1917, showed an amount of \$27.25 in excess of the book balance.

The records of the Town Clerk showed payments by him to the Treasurer of \$31 more than was actually receipted. This amount is carried under "Accounts Payable" as being due the Town Clerk and will be deducted by him from 1917 receipts.

Unpaid Taxes:

The detail by years is shown on Schedule No. 1. Against these amounts a reserve has been provided out of the 1915 and 1916 tax levies, the balance of which amounted at the close of the year 1916 to \$11,765.09.

Due from Borough of Glen Ridge:

This represents the sum due from the Borough of Glen Ridge for maintenance of the Union Outlet Sewer, being 29% of the charge to the Town of Bloomfield by the City of Orange.

General Sewer Assessments:

The assessments, comprising the total of \$543.59, have been outstanding over ten years. During the past year only \$40.70 was collected therefrom. It would seem advisable that particular attention be given to the collection of these accounts. Although they are liens upon the property assessed, the conversion of the accounts into cash would be desirable.

Improvement Assessments:

Although a great number of these accounts were collected in 1916, due to the activity of the Tax and Adjustment Commission, there are still a large number upon which nothing was paid in the year 1916 and many upon which no payments have been made for several years. Instances are given herewith of assessments upon which nothing has been collected in 1916, as follows:

- Imp. No. 3. Clinton Street Sidewalk.
- Imp. No. 7. Belleville Avenue Storm Sewer (nothing paid in over 2 years).
- Imp. No. 13. Lawrence Street Sidewalk (nothing paid in over 2 years).
- Imp. No. 16. Peloubet Street Sewer (nothing paid in over 2 years).
- Imp. No. 17. Berkeley Avenue and Liberty Street Grading.
- Imp. No. 23. Locust Avenue Sewer.
- Imp. No. 31. Linden Avenue Improvement.
- Imp. No. 33. Weaver Avenue and Cedar Street Improvement (nothing paid in over 2 years).
- Imp. No. 35. State Street Sewer, south of Belleville Avenue.

There were in all thirty-two assessed improvements upon which nothing had been paid in 1916. This would mean, however, actual individual delinquent assessments of many times that number.

Expenditure for Improvements Not Yet Confirmed:

Of the amount of \$40,598.06 spent upon improvements which have not yet been assessed, \$4,586.67 represents expenditures on the installation of House Sewer Connections on streets where pavements are also being laid.

Improvement Accounts Payable:

The Town has liabilities to contractors on retained percentages and to property owners for damage awards in connection with improvements.

Damage awards on	
James Street Opening	\$ 46 15
Lackawanna Place Opening	16,174 80
	<hr/>

A total, unsettled for several years, of \$16,220 95

The settlement of these matters should receive attention.

The balances on percentages withheld from contractors amounted to \$3,681.04.

Shade Tree Assessments:

The amount shown on the Balance Sheet represents Shade Tree Assessments levied prior to 1915. The assessments collected on the levies of 1915 and 1916 have been paid over to the Shade Tree Commission and the balances

due thereon are committed to it. Any collections of assessments prior to 1915 are paid into the Town Treasury.

A large part of the assessments prior to 1915 are due from the Board of Education. Several are assessed against the Erie Railroad Company, which, we are informed, have been protested. We recommend that those against the Board of Education be either collected or cancelled.

The Shade Tree Commission has borrowed from the Town the sum of \$500. During December there was collected on 1915 Shade Tree Assessments the sum of \$33, which was not paid over to them. This has been shown on the Balance Sheet as a reduction of the loan.

Town Properties:

The detail of this account is shown on Schedule No. 3. The increase in Town Properties in 1916 of \$27,596.52 consists of the following items:

Park Grammar School Addition	\$23,000 00
Payment of balance on Second Ward Park	1 65
Properties taken by Town at Tax Sale:	
Smith Property	\$ 595 19
Power Property	2,710 50
Henn Property	1,289 18
	<hr/>
	4,594 87
	<hr/>
	\$27,596 52

The values at which the properties bought by the Town at the tax sale are carried represent the accrued taxes and assessments which the Town will have to pay in March, 1917. The corresponding liability of the Town on these properties is included in the Accounts Payable.

Since the Town purchased these properties there has been received \$20 as rental on the Power property. This is carried as a reserve against any expenses which may be incurred in carrying the property.

The expenditure upon the Park Grammar School has been advanced by the Town from current funds, and loans from the banks were obtained for this purpose.

Automobile Fire Apparatus:

A new motor fire truck was purchased during the year at a cost of \$8,000. This is set up in the above-named account as an asset. At the close of the year the Town borrowed on its note the amount of \$8,000 to reimburse the Treasury for this capital expenditure. By order of the Town Council the book value of the first fire truck purchased was written down 10%, or \$550, thus making the net increase in book value of motor fire apparatus \$7,450, as shown on Exhibit "A."

Sinking Fund Commission Accounts.

We have audited the receipts and disbursements of the Sinking Fund Commission and examined the securities held by it, and find the records correct.

The Sinking Fund Commission received in 1916, as collections from pledged assessments, \$34.80 in excess of the amount actually collected thereon. This will be adjusted in January, 1917.

No new investments were made during the year, but the cash on deposit has been increased by \$25,989.60.

On the Water Department books there is a liability to the Sinking Fund for its 1916 contribution toward the redemption of Water Bonds. This amount is calculated at 3 1-3% on the \$176,000 of outstanding bonds. In the Water Department Balance Sheet as an asset, the corresponding amount is shown and is included in the amount of Sinking Fund to the credit of the Department. It is not shown on the Statement of the Sinking Fund Commission.

The detail of resources and their application is shown on Schedule No. 4, and the receipts and disbursements for the year on Schedule No. 4a.

Bonded Indebtedness:

On the Balance Sheet is shown a net increase in 1916 in Bonded Indebtedness of \$95,000 arising through the

Issue of School Bonds in 1916	\$144,000
Redemption of Bonds in 1916:	
School Bonds	\$ 7,000
General Improvement Bonds	20,000
Funding Bonds of 1915	22,000
	<hr/>
	49,000
Net Increase	<hr/>
	\$ 95,000

Notes Payable:

The amount due on Notes at December 31, 1916, is less than the indebtedness at December 31, 1915, by \$75,957.15. The changes during the year may be summarized as follows:

School Construction Notes Paid:	
From proceeds of Bond Issue	\$144,000 00
From Revenue	450 00
	<hr/>
	\$144,450 00
Increase in Loans for	
Park School Construction	\$ 23,000 00
Fire Apparatus (Automobile)	8,000 00
Improvements	37,492 85
	<hr/>
	68,492 85
	<hr/>
	\$ 75,957 15

Notes for Water Department Extension Work were increased by \$8,500.

Statement of Revenue and Expenditures:

This statement shows the relation between the taxes levied and appropriations, and the extent to which the appropriations have been expended. It will be noted that none of the Departments has required more than its original appropriation, except the Fire Department, and that by less than \$50. The total amount of Unexpended Balances is \$5,409.57, as compared with \$8,969.76 at the close of the year 1915.

On Schedule No. 7 is shown a statement of expenditures by each Department classified in appropriate divisions.

The difference between the excess of Revenue over
Expenditures—Exhibit "B" \$8,643 46
and the Unexpended Balances of Appropriations—Exhibit "B,"
which were transferred to Revenue Surplus—Exhibit "C" 5,409 57

represents the excess of Taxes Levied over Appropriated Expenditures which was credited to Reserve for Remission of Taxes \$3,233 89
This Reserve was further increased during the year by an amount of \$5,000 transferred from "Incidental" account.

Board of Health:

We have examined the accounts of the Secretary and of the Treasurer of the Board of Health and found the disbursements supported by proper vouchers and warrants and the receipts in agreement with the records of licenses issued and the Minutes in regard to appropriations by the Town Council. In our report for the year 1915 we reported an overpayment of \$22 by the Secretary to the Treasurer. This was corrected in 1916 by the Secretary, who withheld from the Treasurer a like amount of 1916 receipts.

On December 11, 1916, nine checks were issued, aggregating \$647.26. Since these would exceed the amount of the available appropriation, an additional appropriation was made of \$365.26 to cover the balance of these disbursements.

In addition, the following checks had been drawn for warrants issued, for which no funds were available, and therefore the checks were not completely signed:
Warrant

No.	Name.	Purpose.	Amount.
107	Bloomfield Livery Stable.....	Carriage Hire	\$ 27 00
108	Charles H. Halfpenny	{Salary	\$100 00
		{Expenses	1 66-101 66
109	New York Telephone Co.....	Telephone	11 79
110	D. H. Baldwin, Inc.	Examination of Cultures	135 30
111	Baker Printing Co.	Legal Expansion Envelopes	1 94
114	Roth & Co.	Supplies for Diphtheria Quarantine	21 81
115	J. D. Moore, M.D.	Medical Services	25 00
116	Maas & Waldstein Co.	Formaldehyde Candles	36 00
123	Harry L. Scherer	Rent for Mrs. Pirch—quarantined.....	6 00
124	Ralph H. Hunt, M.D.	Medical Services—Poliomyelitis	15 00
			\$381 50

The above accordingly stand as additional liabilities at December 31, 1916, and exceed the amount of funds on hand at that date by \$359.54, as shown by Exhibit "E."

The expenses of the Board for 1916 showed an increase over 1915 of \$1,171.10, due principally to the expense in connection with the epidemic of poliomyelitis.

Shade Tree Commission:

We have examined the accounts of the Secretary and Treasurer of the Shade Tree Commission, which agree with the cash statement submitted herewith.

WATER DEPARTMENT

Accounts Receivable:

The balance at December 31, 1916, from Water Consumers is made up as follows:

Balance—per Water Duplicate	\$ 9,270 38
Estimated Accrued Meter Service	3,000 00

\$12,270 38

The Ledger balance amounts to	12,272 43
-------------------------------------	-----------

Showing a difference, due to errors in the Duplicate, of.. \$ 2 05

Of the balance due as shown by the Duplicate, \$9,270.38, over \$1,500 is in arrears more than six months.

Inventories:

We have verified the footings and extensions of the inventories, but have accepted the quantities and prices as submitted to us. The inventories consist of

Material and Supplies	\$2,242 28
General Equipment	1,640 05
Meters	238 51

\$4,120 84

Reserve for Depreciation:

This reserve has been increased from \$27,010.65 at December 31, 1915, to \$32,520.87 at December 31, 1916, or \$5,510.22. This is calculated at the rate of 2½% on the book value of the Plant at January 1, 1916, of \$220,408.65.

While no action of the Town Council has been taken to authorize this depreciation, it has been considered proper to follow the practice of previous years.

Water Plant:

The book value of the Plant has been increased during the year by the expenditure for Main Extensions and Hydrants in the sum of \$5,642.53.

Revenue and Expenditures:

A summary of the results of operations for 1915 and 1916 would be as follows:

	1916.	1915.	Increase.
Gross Profit on Operations	\$20,801 84	\$16,691 98	\$4,109 86
Interest on Bonds and Notes	8,004 39	7,430 27	574 12
	\$12,797 45	\$ 9,261 71	\$3,535 74
Depreciation of Plant	5,510 22	5,170 97	339 25
	\$ 7,287 23	\$ 4,090 74	\$3,196 49
Income from Interest on Sinking Fund	1,050 34	987 30	63 04
	\$ 8,337 57	\$ 5,078 04	\$3,259 53

Most of this increase is due to the increase in metered water consumption by factories.

REPORTS OF
FRANK FOSTER, COLLECTOR
RAYMOND F. DAVIS, TOWN CLERK
HARRY L. OSBORNE, TOWN TREASURER
SINKING FUND
SHADE TREE COMMISSION
CHIEF OF FIRE DEPARTMENT

REPORT OF FRANK FOSTER, COLLECTOR,

FOR THE YEAR ENDING, DECEMBER 31, 1916

Receipts—

Taxes, with interest and costs	\$383,654 28
House Connections with interest	3,001 28
Builders' Permits	1,697 00
Interest on daily balance	172 47
Shade Trees	1,319 25
Municipal Searches	867 00
General Sewer and interest	74 04
Excise License	250 00
Moving Picture Licenses	900 00
Sewer Maintenance—Glen Ridge	131 77
Sewer Repairs	18 10
Repairs to traffic standard	5 25
Franchise Tax	14,297 69
Return of loan to Board of Education	5,000 00
Pipe sold	49 28
Damage to flag pole	53 00
Harness sold	25 00
Rent—Powers' property	20 00
Commissioners' Search Fees, etc.	73 67
Repairs to Berkeley Ave. Walk	7 00
2 Jerome Pl. Sewer	13 60
9 Williamson and Berkeley Ave. Drain	265 50
10 Hinrichs Pl. Sewer	23 10
11 Glenwood Ave. Sewer	36 00
15 Clinton and Linden Storm Sewer	16 25
18 Montgomery and Willett St. Sewer	123 04
19 Llewellyn Ave. Telford	169 98
21 Benson St. Walk	36 00
22 Olive St. Sewer	22 86
24 Park St. Walk	27 10
25 Hinrichs Pl. Telford	70 79
26 Pitt St. Walk	63 24
28 Watsessing Ave. Walk	40 30
30 Berkeley Heights Pk. Curb and Gutter	116 85
32 Jerome Pl. Drain	2 00
34 State St. Sewer	84 19
40 Broad St. Walk	36 06
43 Bloomfield Ave. Walk	81 71
45 Jerome Pl. Telford	58 50
46 Park Ave. Walk	51 91
47 Olive St. Telford	69 66
48 Llewellyn Ave. Walk and Curb	247 00

49 Berkeley Ave. Sewer	43 69
52 Farrand St. Sewer	36 00
53 Newark Ave. Cement	144 32
54 Spruce St. Walk	99 14
55 Myrtle St. Walk	30 20
56 West St. Grading	31 20
57 Newark Ave. Stone Walk	141 35
59 Almira St. Walk	48 45
62 Berkeley Ave. Walk	68 22
63 Berkeley Ave. Telford	90 17
65 Bloomfield Ave. Sewer B	310 84
66 Bloomfield, Liberty, State Drain	127 10
67 James St. Cement Walk and Curb	204 51
68 Carteret St. Grading	8 30
69 Stockton St. and Porter Pl. Sewer	54 06
70 Fulton, Morse, Cleveland Sewer	128 30
71 Crown St. Opening	103 50
72 New St. Walk	90 76
73 Olive St. Cement Walk	14 93
75 Weaver and Cedar St. Sewer	56 16
77 Brookside Telford	71 50
78 Watsessing Ave. Cement Walk	23 24
79 Warren St. Walk	27 99
80 Evergreen Ave. Opening	118 00
82 Fulton, Cleveland, Morse Telford	375 88
83 Peloubet St. Walk	26 17
84 Morse Ave. Opening	40 60
86 Ella St. Walk and Curb	186 17
87 Maolis Ave. Sewer	50 52
88 Smith and Liberty St. Sewer	26 28
89 Lake St. Sewer	45 36
91 Liberty St. Walk	223 62
92 Clearfield Ave. Sewer	28
94 Fulton, Morse, Cleveland Curb and Gutter	271 08
95 Lenox Ter. Opening	136 52
98 Walnut St. Cement Walk	78 25
99 Berkeley Ave. Cement Walk	23 74
100 Montgomery St. Walk	242 11
102 Fulton St. Opening	38 19
103 Brookside Pl. Walk	26 29
104 Liberty St. Curb	73 76
105 Stockton St. Telford	28 10
107 Edgewood Rd. Telford	9 43
108 Roosevelt Ave. Opening	172 63
111 Clinton St. Opening	37 28
112 Evergreen, Ashland, Clinton Sewer	212 20

113 Harrison St. Sewer	42 31
117 Baldwin Pl. Sewer	94 33
118 Berkeley Pl. Sewer	35 25
122 Lackawanna Pl. Opening	1,540 80
123 Roosevelt Ave. Telford	549 92
124 Roosevelt-Crown Sewer	73 23
125 Clearfield Ave. Telford	185 90
126 Berkeley Ave. Walk	34 06
127 Berkeley Ave. Curb	1 53
129 Ashland Ave. Walk	172 90
130 Evergreen Ave. Walk and Curb	257 69
131 Roosevelt Concrete Walk	338 04
132 Clinton St. Curb and Gutter	247 90
134 Crown St. Curb and Walk	472 60
135 State St. Walk	36 40
136 Clearfield Ave. Curb and Gutter	171 24
137 Evergreen Ave. Telford	296 00
141 Crown St. Telford	109 00
142 Ashland Ave. Telford	187 20
143 Clinton St. Telford	255 00
145 Willett St. Concrete Walk	61 87
146	
147 Watsessing Ave. Storm Drain	1,676 48
148 James St. Drain	100 95
154 Oak St. Sewer	10 88
155 Clinton St. Walk	143 54
156 Morse Ave. Walk	8 17
158 James St. Walk and Curb	111 18
159 Berkeley Ave. Cement Walk	108 78
168 Race St. Walk	154 63
169 James St. Drain	178 26
171 Ashland Ave. Walk	52 56
173 Carteret St. Walk	155 57
174 Willard Ave. Walk	354 89
175 Maolis and Glenwood Drain	104 80
176 Jerome Pl. Walk and Curb	316 95
177 Weaver Ave. Walk	107 68
178 Cedar St. Walk	7 50
181 Williamson Ave. Walk and Curb	190 30
182 Hinrichs Pl. Walk	154 32
183 Morse Ave. Grading	10 03
184 Charles St. Walk	296 21
186 Grace St. Curb and Gutter	90 96
187 Molter Pl. Concrete Walk	34 40
189 Watsessing Ave. Pavement	237 92
190 Orange St. Pavement	258 98

192 Willow St. Pavement	593 53
194 Lake St. Grading	117 00
195 Lackawanna Pl. Pavement	266 72
196 Washington St. Pavement	1,138 48
197 Delaware Ave. Pavement	196 50
198 Charles St. Pavement	455 48
199 Glenwood Ave. Pavement	513 99
200 Conger St. Pavement	91 84
202 Ella St. Drain	173 94
203 Monroe Pl. Walk and Curb	42 45
204 Lake St. Concrete Walk	130 56
207 Essex Ave. Pavement	967 64
209 Franklin St. Curb	58 32
211 Willow St. Walk	346 61
212 Dodd St. Pavement	919 59
213 Olive St. Curb and Gutter	221 52
217 West St. Walk	53 29
218 Willow St. Curb and Gutter	202 50
220 Franklin Ave. Sewer	342 41
221 Bloomfield Ave. Curb	782 32
222 Chapman St. Sewer	60 65
223 Cottage Pl. Walk	82 06
224 Lake St. Curb and Gutter	119 44
225 Lake St. Telford	172 50
227 Maolis Ave. Curb and Gutter	105 40
231 Orange St. Walk	3 75
232 Halcyon Park Drain	853 59
233 Myrtle St. Curb	172 70
234 18th St. Pavement A	3,373 75
235 18th St. Pavement B	1,794 18
236 Willow St. Curb	166 16
237 Sycamore St. Walk	48 60
238 Hickory St. Walk	23 89
239 Orchard St. Curb and Gutter	613 21
240 Clinton St. Walk	61 07
241 Davey St. Curb	45 16
242 Watsessing Ave. Walk	268 03
243 Newark Ave. Walk	87 88
244 Newark Ave. Sewer	135 00
245 James St. Sewer	294 00
247 Harrison St. Walk and Curb	421 20
250 Belleville Ave. Sewer	300 06
Interest on Pledged Assessments	4,067 95
Interest on Unpledged Assessments	3,867 40
Water Collections	74,814 60

Disbursements—

Paid County Collector	\$123,779 16	
Paid H. L. Osborne, Treas.	403,485 28	
	<u>\$527,264 44</u>	<u>\$527,264 44</u>

1916 TAXES.

Receipts—

Amount of Duplicate	\$380,459 74
Amount of Additions	585 52
Amount of Interest Collected	5 27
	<u>\$381,150 53</u>

Disbursements—

By Deduction	\$ 1,852 54
By Paid County Collector	123,779 16
By Paid Town Treasurer	148,396 22
Uncollected	107,122 61
	<u>\$381,150 53</u>

Amount of Taxes with interest and costs collected during the Year:

Year	Tax	Interest	Costs	Total
1902	\$ 14 17	\$ 16 57	\$ 1 88	\$ 32 57
1903	58 35	40 89	5 39	104 63
1904	39 34	26 56	2 94	68 84
1905	65 90	49 97	6 86	122 73
1906	68 60	37 75	2 94	109 29
1907	153 03	85 84	10 78	249 65
1908	197 89	94 00	11 27	303 16
1909	322 08	129 68	16 66	468 42
1910	258 88	88 59	14 74	362 21
1911	364 30	104 74	11 76	480 80
1912	314 78	74 29	8 82	397 89
1913	453 76	75 39	24 50	553 65
1914	928 70	104 71	46 49	1,079 90
1915	104,115 99	2,241 74	787 43	107,145 16
	<u>\$107,355 77</u>	<u>\$3,170 72</u>	<u>\$952 41</u>	<u>\$111,478 90</u>
1916	272,170 11	5 27		272,175 38
	<u>\$379,525 88</u>	<u>\$3,175 99</u>	<u>\$952 41</u>	<u>\$383,654 28</u>

GENERAL SEWER ACCOUNT.

To Unpaid Last Report	\$584 29
To Interest Collected	33 34
By Paid H. L. Osborne	\$ 74 04
Uncollected	543 59
	<u>\$617 63</u>
	<u>\$617 63</u>

WATER DEPARTMENT ACCOUNT.

Water Rents	\$ 66,793 44
Main Extension	70 00
Meters Sold	808 00
Taps	6,374 15
Special Permits	494 71
Articles Sold	37 33
Meter Test	2 00
Repairs	89 97
Building Meter Pits	123 00
Fines	22 00

Paid H. L. Osborne, Treasurer\$74,814 60 \$ 74,814 60

Respectfully submitted,

FRANK FOSTER, *Collector.*

REPORT OF
RAYMOND F. DAVIS, TOWN CLERK
FOR THE FISCAL YEAR ENDING DECEMBER 31, 1916

Receipts—	
For Car License (Bloomfield Avenue)	\$ 620 00
Track License (Crosstown)	1,114 20
Peddlers' Licenses	325 00
Junkmen's Licenses	121 00
Dogs Licensed and Redeemed	552 25
Excise Licenses	10,000 00
Hackmen's Licenses	45 00
Rental Firehouses for Election	200 00
Transfer and Advertising Fee for McCarthy Excise License— granted	13 00
Sale of Fire Horses	460 00
Sale of Fire Running Gear	50 00
Miscellaneous, including private telephone calls, power of attorney, etc.,	3 50
	<hr/> \$13,503 95
Excess payment to Treasurer	31 00
	<hr/> \$13,534 95
Paid to Harry L. Osborne, Treasurer	\$13,534 95

FINANCIAL STATEMENT OF THE
TREASURER OF THE TOWN
OF BLOOMFIELD

FOR THE FISCAL YEAR ENDING DECEMBER 31, 1916

GENERAL TOWN ACCOUNT.

Receipts—	
To Balance January 1, 1916—General Town Account...	\$39,994 41
To Balance January 1, 1916—Water Account	13,052 15
	<hr/> \$ 53,046 56
From Frank Foster, Collector:	
Taxes, Interest and Costs	\$259,875 12
Assessments and Interest due Sinking Fund	22,997 23
Water Department Receipts	74,814 60
Shade Tree Receipts	1,319 25
Assessments and Interest Collected	17,836 53
Builders' Permits	1,697 00
Interest on Daily Balances	172 47
Municipal Searches	867 00
General Sewer Assessments and Interest	74 04
Excise License	250 00
Moving Picture Licenses	900 00
Franchise Tax	14,297 69
Return of Loan to Board of Education	5,000 00
House Connections with Interest	3,001 28
Miscellaneous Receipts	383 07
	<hr/> 403,485 28

From Raymond F. Davis, Town Clerk:

Public Service Car Licenses—1916	\$ 620 00
Public Service for Crosstown Track Li- cense—1916	1,114 20
	<hr/> \$ 1,734 20
Peddlers' Licenses	325 00
Dog Licenses and Redemption	583 25
Junkmen's Licenses	121 00
Excise Licenses	10,000 00
Hackmen's Licenses	45 00
Recording Fee Power of Attorney	1 00
Rent of Fire Houses for Elections	200 00
Sale of Fire Horses	460 00
Sale of Fire Running Gear	50 00
Transfer License Fees	26 00
Premium on Bond	2 50
	<hr/> 13,547 95

From Jas. T. Boyd Council, Jr. O. U. A. M., Contribution for Police Dept.	20 00
From J. S. Rippel, Proceeds of sale \$144,000 School Funding Bonds	146,684 50
From C. B. Gurney, Police Court Fines	759 40
Interest received on Bank balances	921 64
From Frank Foster, Commission on Collector's Surety Bond	23 75
Outstanding Warrants of former years cancelled by Town Council	181 69
Bills Payable, School Construction Purposes	23,000 00
Bills Payable	161,997 61
	<hr/>
	\$803,668 38

Disbursements—

Water Account	\$ 76,925 69
Incidental Account	42,109 20
Police Account	24,326 47
Fire Account	12,779 95
Road Account	21,716 63
Poor Account	4,711 70
Sewer Account	3,785 31
Bond Interest Account	24,184 17
Bond Interest Accrued Account	6,663 33
Sinking Fund Account	11,950 00
Board of Health Account	3,365 26
Shade Tree Commission Account	2,800 00
Street Lighting Account	19,174 15
Sinking Fund Pledged Assessments—1915	6,125 34
Interest Account	2,558 59
Railroad Improvement Account	2,994 12
Second Ward Park Account	43 32
Accrued Interest Payable Account	2,124 99
Accounts Payable Account	3,809 85
Sinking Fund Collector's Receipts	22,997 23
Shade Tree Receipts	2,354 25
General Town Improvement Account	513 29
Glen Ridge Sewer Account	83 40
Sundry Improvement Account	43,769 46
Police Pension Contribution, Jr. O. U. A. M.	20 00
Police Pension Appropriation	883 00
School Appropriation	90,546 67
Park School Construction Account	23,000 00
Loan Manual Training Purpose	5,000 00
School Notes Redeemed	144,450 00
Bills Payable Account	108,004 76
Fire Apparatus Account	8,000 00

Sinking Fund Funding Bonds	\$22,000 00
Interest	5,782 50
	<hr/>
	27,782 50
December 31, 1916—Balance General Town Account	\$34,674 69
December 31, 1916—Balance Water Account	19,441 06
	<hr/>
	54,115 75
	<hr/>
	\$803,668 38

The totals of the Receipts and Disbursements of the General Town Accounts are in agreement with the Town Books.

Examined and found correct.

Loomis, Suffern & Fernald,

Certified Public Accountants.

March 13th, 1917.

BOARD OF HEALTH ACCOUNT.

Receipts—

Balance January 1, 1916	\$ 111 63
To Appropriation 1916	3,365 26
To Cash from Dr. Jos. C. Saile, Health Inspector	318 00
To Miscellaneous Receipts—Interest Received	2 88
	<hr/>
	\$ 3,797 77

Disbursements—

By Paid Warrants	\$ 3,775 81
By Balance	21 96
	<hr/>
	\$ 3,797 77

SINKING FUND COMMISSION.

Receipts—

To Balance January 1, 1916	\$ 36,594 48
To Amount Received from Town Council of the Town of Bloomfield—General Appropriation	\$ 11,950 00
On Account of Funding Bonds of 1915	9,500 00
	<hr/>
	21,450 00

To Amount Received from Frank Foster, Coll.:

Receipts on Pledged Improvements 1916	\$ 22,997 23
Receipts on Pledged Improvements 1915	6,125 34
	<hr/>
	29,122 57

To Amount Received from Town Council of the Town of Bloomfield for General Funding Bonds due May

15, 1916	\$ 22,000 00
For Interest on General Funding Bonds	6,120 00
Water Department Sinking Fund	5,866 66
	<hr/>
	33,986 66

To Interest Received 4,050 37

 \$125,204 08

Disbursements—

By Payment of School Bonds Matured \$ 7,000 00
 By Payment of Funding Impt. Bonds Matured 20,000 00
 By Payment of General Funding Bonds Matured 22,000 00

 49,000 00
 By Payment of Interest on Bonds 13,620 00
 By Balance 62,584 08

 \$125,204 08

SHADE TREE COMMISSION.

Receipts—

Balance January 1, 1916 \$ 153 06
 To Amount Received from the Town Council, Town of
 Bloomfield:
 Appropriation \$2,800 00
 Money Advanced 500 00

 3,300 00
 To Amount Received from Frank Foster, Coll.:
 1916 Receipts, including 1915 Planting Receipts 1,851 25
 To Amount from Shade Tree Commissioners:
 Miscellaneous Receipts 151 75
 To Interest Received 6 19

 \$ 5,462 25

Disbursements—

By Warrants Paid \$ 4,533 61
 By Balance 928 64

 \$ 5,462 25

POLICE PENSION FUND.

Balance January 1, 1916 \$ 3,983 34
 To General Tax Levy from Town 883 00
 To Deductions from Officers' Salaries 220 63
 To Contributions from J. T. Boyd Council, Jr. O. U. A. M. 20 00
 To Interest Received 183 25

 \$ 5,290 22
 Balance on hand \$ 5,290 22

Respectfully submitted,

HARRY L. OSBORNE, Town Treasurer.

SCHOOL ACCOUNT.

Receipts—

January 1, 1916—To Balance \$ 37,651 99
 To Apportionment of State School Money 90,675 01
 To Appropriation by Town of Bloomfield 90,546 67
 To Park School Construction Account 23,000 00
 To Amount Received from Town of Bloomfield in anticipation of
 Manual Training Money from State 5,000 00
 To Amount Received from State of New Jersey—Manual Training
 Account 5,000 00
 To Tuition Account 1,129 50
 To Interest Received 547 91
 To Miscellaneous Receipts Manual Training 416 00
 To General Miscellaneous Receipts 268 31
 To Library Account 90 00
 To Rent Account 120 00

 \$254,445 39

Disbursements—

By Paid Warrants \$209,378 07
 By Payment to Town of Bloomfield for money advanced—Manual Training Purposes 5,000 00
 By Balance January 1, 1917 40,067 32

 \$254,445 39

BONDED INDEBTEDNESS JANUARY 1, 1917.

School Bonds \$ 343,500 00
 School Funding Bonds 144,000 00
 General Funding Bonds 250,000 00
 Improvement Funding Bonds 140,000 00
 Water Bonds 161,000 00
 Street Improvement Bonds 75,000 00
 Park Bonds 60,000 00
 General Sewer Bonds 50,000 00
 Fire House Bonds 25,000 00

 \$1,248,500 00

Outstanding Notes—

School Purposes—Park School \$33,000 00
 General Improvement Purposes 54,495 23
 Water Construction Purposes 22,500 00
 Automobile Fire Apparatus 8,000 00

 117,995 23

 \$1,366,495 23

Respectfully submitted,

HARRY L. OSBORNE, Town Treasurer.

REPORT OF THE OVERSEER OF THE POOR

FOR THE YEAR ENDING, DECEMBER 31, 1916

Number of Families Supplied with Food During the Year	39
Number of Individuals in the Families	141
Number of Families Supplied with Coal	49
Number of Inmates in the Town House	10
Male	8
Female	2
Admitted During the Year	4
Discharged	1
Died	2

Respectfully submitted,

A. LIND, *Overseer of the Poor.*

REPORT OF THE CHIEF ENGINEER OF THE BLOOMFIELD FIRE DEPARTMENT

To the Honorable Town Council of the Town of Bloomfield, N. J.

GENTLEMEN: In accordance with the requirements of the town, governing the fire department, I have the honor, as chief engineer, to present to your Honorable Body my fourth annual report of the fire department for the year ending December 31st, 1916, showing the number of alarms responded to, location and causes thereof, also the names of the officers and men of each company.

MANUAL FORCE.

The force of the department consists of one chief, three assistant chiefs, six foremen, and six assistant foremen.

Essex Hook and Ladder Co. No. 1	2 officers and	22 men
Phoenix Hose Company No. 1	2 " "	17 "
Active Hose Company No. 2	2 " "	19 "
Excelsior Hose Company No. 3	2 " "	19 "
Montgomery Hose Company No. 4	2 " "	13 "
Brookdale Hose Company No. 5	2 " "	19 "

Total	12 " "	107 "
-------------	--------	-------

During the year 1916, the department has responded to forty-nine box alarms and thirty still alarms and has been on duty fifty-four hours and five minutes.

Loss by fire during the year	\$ 77,792 00
Insurances Paid	60,432 00
Amount of Insurance	213,050 00

ROLL OF MEMBERS.

Following is a complete list of officers and members of the department:

George H. Westervelt, Second Assistant Engineer.

Howard Eveland, Third Assistant Engineer.

Essex Hook and Ladder Company No. 1—Davis R. Mitchell, Foreman; Arthur Krenrich, Assistant Foreman; S. P. Gilbert, Thos. Hayes, Chas. Hildebrant, A. Loppacker, B. M. Decker, Chas. Harrington, Frank A. Osmun, H. H. White, A. Leuthausser, Chas. T. Hall, John Jaeger, A. L. Martin, John Moye, Thos. C. Jackson, H. F. Behrman, Chas. Brown, M. J. Zink, Iver Ellor, Fred C. Caster, S. E. Morton, Raymond F. Davis, Frank Brueche.

Phoenix Hose Company No. 1—George Bohr, Foreman; John Whelan, Assistant Foreman; Nelson Upton, Frank Wissner, Archie Heath, John Hauser, William Drew, Myron Van Riper, B. F. Higgins, William J. Maher, Chris Braun, Fred Roberts, Thos. Cogan, Samuel Westervelt, William B. Douglas, B. L. Dann, Earl Leaycraft, Thos. Coffey, William Leary.

Active Hose Company No. 2—William Milford, Foreman; Jesse Schofield, Assistant Foreman; J. F. Cooney, Thos. Gussner, Wm. Maruth, William

Gussner, F. O'Brien, A. F. Olsen, H. Eveland, L. Olsen, J. Ashworth, J. Albinson, A. Schlieff, W. Mills, W. Madison, F. Schofield, H. Schlieff, G. Durning.

Excelsior Hose Company No. 3—Robert Rawson, Foreman; George Davis, Assistant Foreman; John Bailey, Wm. Florus, Chas. Havens, Wm. Crape, Ed. Jaeger, Roy Rawson, Geo. Mortimer, Robert Brady, Peter Wiessmann, Chris Jacobus, Chas. Ernst, Chris Buck, James Cockfair, John Yackel, Robert Yuengling, Wm. Garner, Wm. Morris, Geo. Koeber, August Spatz.

Montgomery Hose Company No. 4—John Cobyack, Foreman; Geo. French, Assistant Foreman; Joseph Fisher, Geo. Westervelt, Chas. Garrett, Edward Sanok, Harry Greder, Chas. Hanily, Joseph Buck, Mose Hewitt, Adam Young, Michael Lally, John Finan, Gus Schmigalski, William Krach.

Brookdale Hose Company No. 5—Howard Davidson, Foreman; Fred Stimis, Assistant Foreman; Theo. Jones, Fred Brokaw, Jas. Campbell, Wm. Ungemah, Jos. Miller, Henry Campbell, A. G. Cockfair, F. P. Davidson, A. R. Fisher, Wm. Parsons, Frank Peters, C. Speller, F. Van Dessel, Robert Axt, Edward Laycock, Borden Howland, W. H. Peters, Walter Newport, F. B. Harvey.

FIRE ALARM BOXES.

No.

- 14 Sprague Electric Works (Private Box).
- 16 Empire Cream Separator Works (Private Box).
- 18 Austin Place and Fremont St.
- 19 Newark Avenue and Harrison Street.
- 22 Montgomery and John Streets.
- 23 Park Avenue and State Street.
- 24 Franklin and Montgomery Streets.
- 25 Park Place and Monroe Place.
- 26 Liberty and Spruce Streets.
- 27 Montgomery Street and Williamson Avenue.
- 28 Orchard Street and Erie R. R. Station.
- 29 Franklin Street and Berkeley Avenue.
- 32 Bloomfield Avenue and Ella Street.
- 33 Consolidated Safety Pin Co. (Private Box).
- 34 Beach and Walnut Streets.
- 35 Bloomfield Avenue and Liberty Street.
- 36 Washington Street and Glenwood Avenue.
- 37 Bloomfield Avenue and Orange Street.
- 38 Bloomfield and Watsessing Avenues.
- 39 Bloomfield Avenue and Grove Street.
- 41 Oakes Woolen Mill (Private Box).
- 42 Belleville Avenue and Morton Street.
- 43 Broad Street and Bay Avenue.
- 44 Franklin and Bay Avenues.
- 45 Broad and James Streets.
- 46 Essex Avenue and Baldwin Street.

- 47 Broad and Maple Streets.
- 48 Belleville Avenue and Oak Street.
- 49 Belleville and Williamson Avenues.
- *51 Broad Street and Sunset Avenue.
- 52 Morris Street and Myrtle Avenue.
- 53 Belleville Avenue and Broad Street.
- 54 Broad Street and Watchung Avenue.
- 55 Broad Street and West Passaic Avenue.
- *56 Broad Street and Bellevue Avenue.
- *57 Broad Street and Alexander Avenue.
- *58 East Passaic Avenue and Day Street.
- *59 East Passaic and Watchung Avenues.
- 61 Orange Street and Roosevelt Avenue.
- 62 Ella and Cross Streets.
- 63 Linden and Ashland Avenues.
- *64 Glenwood and Evergreen Avenues.
- 65 Wiggins Factory, Watsessing (Private Box).
- 66 Washington and Thomas Streets.
- 67 Glenwood and Linden Avenues.
- 68 Prospect and Willow Streets.
- 69 Watsessing Center.
- 71 Edison Factory (Private Box).
- 72 International Arms and Fuze Co. (Private Box).
- 73 Willard Avenue.
- 74 Berkeley Avenue and Cedar Street.
- 96 Lenox Terrace and Morse Avenue.
- 7-7-7 Relief Call.

Boxes marked (*) must be telephoned to the Police Station, as no boxes are installed as yet.

FIRE ALARM SYSTEM.

During the past year the fire alarm system has been satisfactory to a great extent—the exception being that in a number of instances, when box has been operated the number has shown differently than the number of the station. This is caused by the type of box now in use in some parts of the system.

The transmitter at Police Headquarters has proven particularly useful and satisfactory.

WATER SUPPLY.

The water supply during the past year has been fairly satisfactory. At times, however, the department has not had the pressure required, but an improvement has been shown since the changes have been made in the system of piping by the water department. There are, however, many locations in town where mains of larger size could be used to advantage.

We now have 445 hydrants connected to the water system. There is need for new hydrants in several locations which addition would materially increase the value of the water system as it is related to the work of the fire department.

IMPROVEMENTS.

During the past year, there has been purchased and put in commission one 750 gallon American-La France triple combination fire apparatus and one combination hose and chemical apparatus of the White Motor Company, manufacturer—the latter apparatus was a transfer job, the department using the body and equipment of the horse drawn apparatus of Phoenix Hose Company and having same placed on chassis. Besides the purchase of beds, bedding, etc., for the paid men, stationed at the different fire houses, we purchased also 1,000 feet of hose and other equipment for the general use of the department.

COMPARATIVE STATEMENT OF COSTS.

The city service hook and ladder truck at headquarters has answered 72 alarms during the past year and has travelled 167½ miles, using 95 gallons of gasoline and 14 gallons of oil, at a total cost of \$23.62.

The value of the above statement is in the comparison between this cost of \$23.62 for the running of this apparatus and the cost per year for the same service of horse drawn apparatus—during the last year of the use of horses, the cost was \$325.00 for practically the same service.

The triple combination at headquarters was put in service November 15, 1916, and during the interim has run 17 8-10 miles at a cost of \$4.66. The comparison between this apparatus' cost of running and of a like period for horses would be the difference between the above amount and \$45.00.

The comparisons above noted will, no doubt, be fully carried out with the apparatus recently installed for Company No. 2.

RECOMMENDATIONS.

I would respectfully recommend to the attention of your Honorable Body the following requirements which I consider would be for the benefit of the department and the citizens of the town, if my recommendations are accepted and carried out:

- 1st. The purchase of 1500 ft. of 2½" rubber lined cotton fire hose.
- 2nd. The placing in the houses of No. 2 and No. 3 fire companies of a telephone.
- 3rd. The addition to the paid force of one man at headquarters and one man at Company No. 2 and when the new apparatus is installed at Company No. 3 four paid men.
- 4th. The installation through ordinance of a part paid-part call system. I make the fourth recommendation primarily because of the large increase of fire duty now required of this department. With the above system in operation, the value of the fire department's service in all particulars will be greatly increased.
- 5th. With the system as recommended under paragraph number four, the efficiency of the department would be further increased by placing the Chief Engineer under full pay regulations and requiring his entire time to be given to the department.
- 6th. I would also recommend that a small motor car be purchased for the use of the Chief Engineer and placed in Fire Department Headquarters.

- 7th. I would recommend the installation of fire box station No. 64 at Glenwood and Evergreen Avenues.
Also one fire box station at Jerome Place and Walnut Street.

- 8th. Fire prevention is a very paramount question at the present time in all fire departments. This need of an ordinance covering this question for the town of Bloomfield, in my opinion, is quite necessary and such ordinance should be passed at an early date which would give the Chief Engineer and the building inspector, or which men of the department delegated by the Chief, such authority as might be necessary in the matter.

My report in connection with my attendance at the convention of the International Association of Chief Engineers held at Providence, R. I., last summer, mentioned the matter of fire prevention and I wish to state that this question was considered at the above convention and was perhaps the most important matter discussed at that time. I cannot too strongly urge the adoption of an ordinance of this character.

- 9th. I would very urgently request that attention be given at an early date for the completion of the plans for the motor apparatus for Company No. 3.
- 10th. I would recommend that a concrete floor be put in fire headquarters and hose companies numbers 2 and 3, so that the motor apparatus can be washed inside the buildings.
- 11th. I desire to call your attention to the need of repairs and painting at headquarters and my recommendation in this respect is that the interior, both walls and woodwork, be repainted on both floors and that the condition now existing, caused by the vibration of the bell tower, be so arranged that the leaks and injury to walls be eliminated. The front of the building should also be repainted.

CONCLUSION.

Notwithstanding the large number of alarms which the department has answered during the year, we fortunately have had but one large fire and only one fatality—the latter was the result, evidently, of carelessness on the part of the victim and was caused by smoking in bed.

The department used the following equipment during the past year:

3	gallon	extinguishers,	55	times.
40	gallon	tank,	10	times.
35	"	"	15	times.
1290	feet	of ladders.		
4650	"	¾" chemical hose.		
20150	"	2½" hose.		
5	Rubber	covers.		

In submitting this my annual report of the fourth year as Chief Engineer, I desire to express my sincere appreciation of the courtesy extended to me by the Mayor and Council, the Chairman of the Fire Committee, the officers and members of the department, both paid and volunteer, the Police Department, the Superintendent of Fire Alarm and the Assistant Chiefs.

All of which is respectfully submitted,

GEORGE E. KOEBER, *Chief Engineer.*

REPORT OF THE SHADE TREE COMMISSION

To the Honorable Mayor and Town Council of the Town of Bloomfield, New Jersey:

Gentlemen: The Shade Tree Commissioners have the honor to submit herewith their report for the year 1916, being the seventh annual report of this department.

The past year has been the most active in the history of the Commission. In the care and improvement both of the parks and the trees of the town there has been progress.

THE PARKS.

The three parks now under control of this Commission are:

The Green,
Second Ward Park,
Halcyon Park.

They have required much attention and we feel they were kept in better condition than heretofore. The Parks, the estate of all the citizens, require daily attention, and there is nothing more beautiful to a town than these bright spots. The Town Improvement Association generously turned over to this Commission \$100 to aid in work found to be necessary to preserve some of the Elm trees about the Green.

Last year showed the necessity for spraying Elm and other trees about the town and numerous requests were made by citizens that this work be done, but our funds would not permit it.

Your Commissioners feel the Town Council should familiarize itself with the Law governing the Shade Tree Commission and the duties imposed upon the Commissioners.

NEW TREE PLANTING.

We set our 314 trees on the following streets:

Street:	Specie.	Number.
Brookside Place	Norway Maples	39
Liberty Street	" "	8
Park Street	" "	4
Park Avenue	" "	8
Jersey Street	" "	2
Beach Street	" "	5
Elm Street	" "	2
Monroe Place	" "	10
Spruce Street	" "	15
Austin Place	" "	9
Oakland Avenue	" "	6
Clinton Street	" "	3
Linden Avenue	" "	3
Newark Avenue	" "	13
Watsessing Avenue	" "	6
Berkeley Place	" "	10
Harrison Street	" "	23
Williamson Avenue	" "	4
Hazlewood Road	" "	4
Dodd Street	" "	8
Henry Place	" "	2
Myrtle Street	" "	4
Willow Street	" "	3

Willard Avenue	"	"	3
Orchard Street	"	"	11
Baylis Street	"	"	6
Edgewood Road	Plantanus		14
Ashland Avenue	Norway Maples		1
Ashland Avenue	Plantanus		8
Ella Street	Norway Maples		1
Essex Avenue	"	"	1
Belleville Avenue	"	"	1
Maple Street	"	"	1
Bloomfield Avenue	Plantanus		5
Arlington Avenue	Lindens		5

We replaced 31 young trees that died from various causes.

The total number of trees set out by the Shade Tree Commission in the seven years of its existence is 2,700 trees. During 1916 permits were issued for planting 37 trees by individuals. We cemented 183 holes in 93 trees and placed bandages on 215 young trees, and on 6 old trees. We are of the opinion that a covering of manure should be placed on the Green during the spring of 1917. We removed under contract 18 large trees, found to be in a dangerous condition, and 13 were removed by our own force. There are a number of large trees that must be removed and this work is being proceeded with as fast as possible. Due to the increased cost of material, etc., the average assessment for trees planted this year was \$4.

CARE OF YOUNG TREES.

The care of young trees starts immediately after planting, and we must thereafter treat the trees with various operations, such as mulching, trimming, spraying, etc. This care is absolutely necessary to encourage rapid growth. Ample provision should be made in our budget for this character of work. We trimmed and repaired guards on 563 young trees.

CARE OF OLD TREES.

The work of maintaining these old trees is no small task and we call your especial attention to this important part of our work. These old trees are a beauty to the community and it is our duty to look after their safety. Much work is to be done on these trees, such as cutting out dead branches, etc.; progress is slow, however, because of insufficient funds. During 1916, 593 trees were trimmed and approximately 1,610 branches removed from them.

NURSERY TREES.

Our Nursery stock is growing satisfactorily, and we expect to use some of this stock in 1917. We have the following stock of young trees:

2,000 Norway Maples.
1,000 Norway Maple seedlings.
91 White Pine.
100 Ash.
200 Linden.
23 Norway Maples.

We are now in correspondence with Public Service Electric Co. and Public Service Gas. Co. in relation to trees destroyed by current and gas. We hope to arrive at some settlement of the questions during spring of 1917.

This Commission represents the interest of the public in the trees, but it is not unmindful of the rights of the property owner. Its function is to help him also, and generally matters are adjusted without friction. It is encouraging to note that Park and Art Commissions declare trees to be indispensable elements to the construction of a town beautiful. Each property owner should guard the tree abutting his property.

In closing, this Commission respectfully asks that Council give careful consideration to our budget of 1917.

We commend Mr. Mueller and the men employed by us for faithful manner in which they performed their services.

The financial report of this Commission for 1916 is attached.

HARRY G. HENDRICKS,
ROBERT C. MARONEY.
WALTER ELLOR,

RECEIPTS—ACCOUNT NO. 1.

Balance December 31, 1915	\$ 88 91
Loan Town of Bloomfield	500 00
Sale large trees and labor	112 33
Removing trees	169 00
1915 plantings	975 00
1916 plantings	1,256 00
	<u>\$3,101 24</u>

RECEIPTS—ACCOUNT NO. 2.

Town of Bloomfield—Care parks, shade trees, advertising, maintenance young shade trees, and general expenses	\$2,800 00
Town Improvement Association—Care Elm trees	100 00
W. H. Shipman	3 00
A. P. Clarke & Co.	7 00
	<u>2,910 00</u>
	<u>\$6,011 24</u>

DISBURSEMENTS.

New tree plantings	\$1,402 87
Removal trees (contract)	203 00
Maintenance young trees	386 74
Care parks, shade trees, nursery and general expense	2,522 24
	<u>4,514 85</u>
	<u>\$1,496 39</u>

BALANCE SHEET.

Assets—	
Office equipment	\$ 45 00
Tools	200 00
Trees 1915 planting	975 00
Trees 1916 planting	1,256 00
Sale large trees and labor	113 33
Removing trees	169 00
Trees on hand	50 00
Tree guards	86 00
	<u>\$2,894 33</u>
Nursery Account	500 00
	<u>\$3,394 33</u>

Liabilities—

Loan Town of Bloomfield	\$ 500 00
To balance	2,894 33
	<u>\$3,394 33</u>

CASH ACCOUNT IN DETAIL—ACCOUNT NO. 1.

Receipts—

1915 plantings	\$ 975 00
Loan, Town of Bloomfield	500 00
Sale large trees and labor	113 33
Cost removing trees	169 00
1916 plantings	1,256 00
Balance December 31st, 1915	88 91

\$3,102 24

Disbursements—

For trees	\$ 344 50
Top soil	48 00
Labor	625 11
Wire for guards	335 76
Poles	15 50
Stakes	36 00

\$1,402 87

Removing trees	203 00
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1,605 87

Balance	<u>\$1,496 37</u>
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ACCOUNT NO. 2.

Receipts—

Town of Bloomfield, Appropriation	\$2,800 00
Town Improvement Association	100 00
W. H. Shipman	3 00
A. P. Clarke & Co.	7 00

\$2,910 00

Disbursements—

Labor on young trees	\$ 379 14
Advertising	7 60
Labor, Green Park	653 84
Labor, Second Ward Park	480 26
Labor, Halcyon Park	426 41
Nursery work	124 15
Tools and repairs	166 25
Signs	20 25
Printing	8 00
Grass seed	11 00
Labor, Barn	198 94
Trimming Shade trees	312 58
Cementing trees	41 67
Carting branches	35 50
Ordinance published	30 24
Office expenses	13 15

2,908 98

Balance	<u>\$ 1 02</u>
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NURSERY ACCOUNT.

Disbursements—Labor, cultivating, \$124.15.

Trees on hand:

2,000 Norway Maples.

91 White Pine.

250 Sugar Maples.

100 Ash.

200 Linden.

36 Plantanus.

23 Norway Maples.

2 Catalpa.

2 large Norway Maples.

1,000 Norway Maple seedlings.